

ABSTRACT

2 In an apparatus and a method for processing a calling tone of a wire/wireless telephone, if
3 an RF signal corresponding to a ring receiving generation control signal is transmitted to a portable
4 device from a fixed device after a ring signal is received in the fixed device of the wire/wireless
5 telephone, the portable device measures the distance between the fixed device and the portable
6 device according to electric field strength of the RF signal transmitted by the fixed device. If the
7 measured distance is less than a preset reference distance, the portable device disables generation
8 of the calling tone and the calling tone is generated in the fixed device only. Thus, when the fixed
9 device is near the portable device, only the fixed device processes the calling tone for receiving
10 a ring signal, and the problem of user inconvenience caused by lack of harmony between melody
11 chords generated in the fixed device and the portable device is solved.